

Datasheet for ABIN453049

**anti-GATA2 antibody (C-Term)**[Go to Product page](#)**1** Image

## Overview

|                      |                                                 |
|----------------------|-------------------------------------------------|
| Quantity:            | 0.4 mL                                          |
| Target:              | GATA2                                           |
| Binding Specificity: | C-Term                                          |
| Reactivity:          | Human                                           |
| Host:                | Rabbit                                          |
| Clonality:           | Polyclonal                                      |
| Conjugate:           | This GATA2 antibody is un-conjugated            |
| Application:         | Western Blotting (WB), Enzyme Immunoassay (EIA) |

## Product Details

|                             |                                                                                             |
|-----------------------------|---------------------------------------------------------------------------------------------|
| Immunogen:                  | KLH conjugated synthetic peptide selected from the C-terminal region of human GATA2         |
| Specificity:                | This antibody detects GATA2 at C-term.                                                      |
| Cross-Reactivity (Details): | Species reactivity (tested):Human                                                           |
| Purification:               | Prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS |

## Target Details

|                   |                                                                                                                                                                                        |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | GATA2                                                                                                                                                                                  |
| Alternative Name: | GATA2 ( <a href="#">GATA2 Products</a> )                                                                                                                                               |
| Background:       | GATA2 is a member of the GATA family of zinc-finger transcription factors that are named for the consensus nucleotide sequence they bind in the promoter regions of target genes. This |

## Target Details

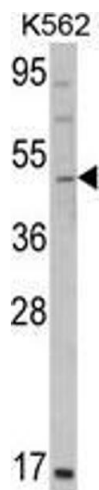
|                   |                                                                                                                                                                                                                                                   |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                   | protein plays an essential role in regulating transcription of genes involved in the development and proliferation of hematopoietic and endocrine cell lineages.Synonyms: Endothelial transcription factor GATA-2, GATA-2, GATA-binding protein 2 |
| Molecular Weight: | 50500 Da                                                                                                                                                                                                                                          |
| Gene ID:          | 2624                                                                                                                                                                                                                                              |
| NCBI Accession:   | <a href="#">NP_001139133</a>                                                                                                                                                                                                                      |
| UniProt:          | <a href="#">P23769</a>                                                                                                                                                                                                                            |
| Pathways:         | <a href="#">Stem Cell Maintenance</a>                                                                                                                                                                                                             |

## Application Details

|                    |                                                                                                                                                                         |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | Western blot: 1: 50 - 1: 100. ELISA: 1: 1,000.<br>Other applications not tested.<br>Optimal dilutions are dependent on conditions and should be determined by the user. |
| Restrictions:      | For Research Use only                                                                                                                                                   |

## Handling

|                    |                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                 |
| Concentration:     | 0.25 mg/mL                                                                                                             |
| Buffer:            | PBS with 0.09 % (W/V) sodium azide                                                                                     |
| Preservative:      | Sodium azide                                                                                                           |
| Precaution of Use: | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Handling Advice:   | Avoid repeated freezing and thawing.                                                                                   |
| Storage:           | 4 °C/-20 °C                                                                                                            |
| Storage Comment:   | Store the antibody at 2 - 8 °C up to one month or (in aliquots) at -20 °C for longer.                                  |



Western Blotting

**Image 1.** Western blot analysis of GATA2 Antibody (C-term) in K562 cell line lysates (35 µg/lane). GATA2 (arrow) was detected using the purified Pab.